email: cekoandm@bwssb.gov.in

ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಳಿ

BANGALORE WATER SUPPLY AND SEWERAGE BOARD

ಮುಖ್ಯ ಅಭಿಯಂತರರು(ಕಾವೇರಿ-ಕಾರ್ಯಾಚರಣೆ ಮತ್ತು ನಿರ್ವಹಣೆ) ರವರ ಕಛೇರಿ
8ನೇ ಮಹಡಿ, ಕಾವೇರಿ ಭವನ, ಕೆ.ಜಿ. ರಸ್ತೆ, ಬೆಂಗಳೂರು-560009

Office of the Chief Engineer (Kaveri-O&M), 8th Floor, Cauvery Bhavan, K.G. Road, Bengaluru-560009

No.BWSSB/CE(K-O&M)TE/TA-01/07/2025/ 3606 /2025-26 | Dated: 13-03-2026

Addendum No.1

(Through Karnataka Public Procurement Portal)

https:/kppp.karnataka.gov.in

Sub: Tender for the Work of work of comprehensive operation & maintenance (O & M) of CWSS stage-IV, phase-II, 550 MLD Water Treatment Plant (WTP) at T.K. Halli for 5 years (Call-2). **Reg: Replies to Pre-Bid queries.**

Ref: IFT No.BWSSB/CE(K-O&M)TE/TA-01/3100/2025-26 Dt:20-02-2026
Pre bid meeting held on 13.03.2026

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Sl. No.	Tender Clause	Clause Description	Bidder's Query	Replies
1.	Section-2, IIT, Clause-1.122 Scope of Work Tender Specification (As per Schedule-B)	The operator is responsible for operation & maintenance of 6.6 kV power transformer yard at Water Treatment Plant	It is 11 KV Transformer Yard. Please confirm	Corrigendum-1 issued

2.	Section-2, IIT, Clause-1.122 Scope of Work Tender Specification (As per Schedule-B)	Other than for the purposes of maintaining the backwash and drainage discharge outfalls from the treatment works to the river, the pipeline to the clear water reservoir and the treated water chlorine residual equipment, the Operator shall confine his operations to the treatment works or to any areas in BWSSB's premises which may be provided by the Employer as agreed by the Engineer as working areas. The operator shall ensure required design flow on daily basis (550 MLD)	The Operator shall confine their operations to the treatment works and ensure design flow (550MLD) to supply.	Tender Conditions Prevails
3.	General	Amount Put to Tender is mentioned as 2951.85 Lakhs	The amount put to tender is much lower than What actually required to operate and maintain a plant of such high capacity and advanced technology for the following reasons: i) New minimum wages for FY 2026-27 have been issued by the ministry of labour department, GoK and the same will have significant impact on the amount put to tender. ii) DAF technology involves numerous electro-mechanical equipment & the age of the same is nearly 15 years. The maintenance cost of the same is to be considered accordingly in order to ensure that the plant operations are achieved smoothly for another 5 years. iii) The current O&M contract was awarded in 2022 at Rs. 25.6 Cr for a period of 3 years starting from 11/2022 to 10/2025 (Approx Rs. 8.3 Cr per year). Whereas, in the current contract, the amount put to tender was estimated to be Rs. 29.5 Cr for 5 years (Approx Rs. 5.9 Cr per year). Although the	Tender Conditions Prevails

			chemical quantities have been marginally reduced in the new tender, such a reduction in the contract estimate is not viable. iv) Due to the ongoing geopolitical situation and war-related supply disruptions, the prices of treatment chemicals such as Alum, Polymers, Chlorine, and other process chemicals have increased by approximately 20% in the international and domestic market. **Hence, we request to kindly consider the impact of all the above on the estimated cost. side and seems to be based on past O&M rates.**	
4.	SECTION 1 IFT, A. General Performance & Work Qualification	i) The bidder should have experience in the last ten years, i.e., 2015-16 to 2024-25, as a Prime Contractor having operated and maintained One Water Treatment Plant designed based on DAF or any advanced technology with automation facilities along with PLC and SCADA having sludge handling with mechanical dewatering/sludge recycling for atleast **3 continuous years** in the last Ten Years and also satisfactorily treating the water to prescribed IS 10500:2012 water quality standards of value not less tha Rs. 1741.6 Lakhs ii)The bidder should have experience in the last ten years, i.e., 2015-16 to 2024-25, as a Prime Contractor having operated and maintained One Water Treatment Plant of minimum of 440 MLD capacity designed based on DAF technology with automation facilities along with PLC and SCADA having sludge handling with mechanical dewatering/sludge recycling for atleast 3 continuous years in the last Ten Years and also satisfactorily treating the water to prescribed IS	With reference to the prescribed Performance & Work Qualification criteria, we kindly request reconsideration and rationalization of the eligibility conditions to promote wider participation while maintaining technical competence. (i)The bidder should have experience in the last ten years, i.e., 2015-16 to 2024- 25, as a Prime Contractor / Joint Venture partner in case of JV having operated and maintained One Water Treatment Plant designed based on DAF or any advanced technology with automation facilities for at least 3 continuous years in the last Ten Years and also satisfactorily treating the water to prescribed IS 10500:2012 water quality standards of value not less than Rs. 1741.6 Lakhs (ii)The bidder should have experience in the last ten years, i.e., 2015-16 to 2024- 25, as a Prime Contractor/ Joint Venture partner in case of JV	Tender Conditions Prevails

		10500:2012 water quality standards OR The bidder should have experience in the last ten years, i.e., 2015-16 to 2024-25, as a Prime Contractor having Designed and constructed of minimum 440 MLD capacity Water Treatment Plant designed based on DAF or any advanced technologies having sludge recycling facility, PLC and SCADA within last Ten Years and Operated and Maintained this plant for atlesat one year satisfactorily and producing final finished water quality as per IS 10500:2012 drinking water quality standards. iii) The bidder should have necessary personnel and infrastructure to do the work and should possess qualified and experienced engineers having experience in Water treatment process and operation and maintenance of Water treatment Plant and laboratory chemists experienced in Water analysis in the last five years	having operated and maintained One or multiple Water Treatment Plants under a single contract/project, with a cumulative capacity of 440 MLD capacity designed based on DAF or any advanced technology with automation facilities for at least 3 continuous years in the last Ten Years and also satisfactorily treating the water to prescribed IS 10500:2012 water quality standards. In case the qualifying project has been executed under a Joint Venture (JV) arrangement, the bidder shall be permitted to claim experience the entire experience of the work provided that it had more than 26% stake in the Joint Venture .The bidder shall be allowed to claim full qualification of the project for the purpose of meeting the eligibility criteria, subject to submission of valid documentary evidence.	
5.	SECTION 1 IFT, A. General Performance & Work Qualification	Assessed available tender capacity = (A*N*1.5 - B) Note: The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent.	We respectfully request that the Tender Capacity calculation and the statement of existing commitments / ongoing works be permitted to be certified and countersigned by a Chartered Accountant (CA) instead of the Employer-in-Charge. Since obtaining countersignature from multiple departments / authorities may not be practically feasible within the bid submission timeline, CA certification would ensure authenticity of financial data while facilitating timely bid submission. We therefore request suitable modification of the condition to allow certification by a Chartered Accountant.	Tender Conditions Prevails

6.	SECTION 1 A. General	**1.122 Scope of Work** The operator is responsible for operation & maintenance of 6.6 kV power transformer yard at Water Treatment Plant. **1.22 General Obligations** Also at no cost BWSSB will provide the main electricity to the designated cubicle in the 11 KV panel in the pumping station to enable the Operator to operate the Treatment Works	We observe ambiguity in the referred clauses regarding the electrical infrastructure. While the Operator is responsible for O&M of the 6.6 kV transformer yard, BWSSB will provide main electricity up to the designated 11 kV cubicle. Kindly please confirm the installed and available capacity of the switchyard.	Corrigendum-1 issued
7.	SECTION 1 A. General	**1.1211 Operator's Equipment** The Operator shall take possession of the treatment works from the Employer including the facilities, plant, equipment, tools, mandatory and recommended spares of BWSSB on "As is where is condition".	We respectfully request that a joint inspection and condition assessment of all civil, mechanical, electrical, instrumentation, automation systems, and inventory of spares be carried out prior to takeover, and a mutually signed handing-over report be prepared. Further, it may be confirmed that any defects, damages, shortfall of spares, or non operational equipment identified during joint inspection shall be rectified by BWSSB (or treated separately) and shall not form part of the Operator's O&M liability. This clarification is requested to avoid future disputes and to ensure clear demarcation of responsibility during the O&M period.	Tender Conditions Prevails
8.	SECTION 1 A. General	9.3 The Operator's Site Organization.	We kindly request to provide the prescribed minimum number of manpower required to be deployed for operation and maintenance of the plant, including shift-wise deployment requirements.	Tender Conditions Prevails

9.	Conditions of Contract A. General	16.23Treated Water Quality In Clear water reservoir – Free residual chlorine (post)>2.5mg/L Free residual chlorine (pre)>1 mg/L	We respectfully submit that maintaining a free residual chlorine level of > 2.5 mg/L in the clear water reservoir appears significantly higher than standard potable water norms and may lead to Excessive chemical consumption, Higher formation of disinfection by-products (THMs), Taste and odour issues, Increased O&M cost. As per generally accepted drinking water standards and good engineering practice, residual chlorine at outlet / consumer end is typically maintained in the range of 0.2–1.0 mg/L depending on retention time and transmission length. Therefore, we request clarification whether the specified value is correct or whether it may be revised to a realistic and regulatory-compliant range based on distribution network requirements.	Tender Conditio... Prevails
10	Conditions of Contract A. General	The testing has to be carried out at every stage of unit processes to have adequate quality control. The process of testing has to be carried out at in house laboratories and NABL accredited third party agencies for all the parameters prescribed in the IS 10500:2012 manual on drinking water standards.	We kindly request to confirm the following: 1. Whether third-party NABL laboratory testing is required for all parameters and at all stages, or only for final treated water quality validation. 2. Frequency of third-party testing (daily / weekly / monthly / quarterly). 3. Whether the cost of NABL-accredited third-party testing shall be borne by the Employer or included in the O&M scope of the Operator. If in contractor's scope, whether payment shall be made separately based on actual testing frequency approved by the Engineer. Considering that comprehensive IS 10500:2012 testing through NABL laboratories for all parameters	Tender Conditi... Prevails

			at every stage would involve substantial recurring expenditure, we request clarification to enable accurate costing and avoid ambiguity during execution.	
11	1.2. Important Dates / Information	Bid Submission End Date - 26/03/2026 upto 15:00 hrs	In view of the extensive tender document and ongoing clarification requirements, kindly consider extending the bid submission deadline by 10-15 days to enable submission of compliant and competitive bids.	Tender Conditions Prevails
12	SECTION 1 IFT, A. General Performance & Work Qualification	The bidder should have experience in the last ten years, i.e., 2015-16 to 2024-25, as a Prime Contractor having operated and maintained **One Water Treatment Plant designed based on DAF or any advanced technology with automation facilities along with PLC and SCADA having sludge handling** with mechanical dewatering/sludge recycling for atleast 3 continuous years in the last Ten Years and also satisfactorily treating the water to prescribed IS 10500:2012 water quality standards of value not less tha Rs. 1741.6 Lakhs	The bidder should have experience in the last ten years, i.e., 2015-16 to 2024-25, as a Prime Contractor having operated and maintained **One Water Treatment Plant with automation facilities along with PLC and SCADA having sludge handling** with mechanical dewatering/sludge recycling for atleast 3 continuous years in the last Ten Years and also satisfactorily treating the water to prescribed IS 10500:2012 water quality standards of value not less tha Rs. 1741.6 Lakhs	Tender Conditions Prevails
13	SECTION 1 IFT, A. General Performance & Work Qualification	The bidder should have experience in the last ten years, i.e., 2015-16 to 2024-25, as a Prime Contractor having operated and maintained One Water Treatment Plant of minimum of **440 MLD capacity** designed based on DAF technology with automation facilities along with PLC and SCADA having sludge handling with mechanical dewatering/sludge recycling for atleast 3 continuous years in the last Ten Years and also satisfactorily treating the water to prescribed IS 10500:2012 water quality standards	The bidder should have experience in the last ten years, i.e., 2015-16 to 2024-25, as a Prime Contractor having operated and maintained One Water Treatment Plant of minimum of **220 MLD capacity** with automation facilities along with PLC and SCADA having sludge handling with mechanical dewatering/sludge recycling for atleast 3 continuous years in the last Ten Years and also satisfactorily treating the water to prescribed IS 10500:2012 water quality standards	Tender Conditions Prevails

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<tr><td></td><td></td><td>OR
The bidder should have experience in the last ten years, i.e., 2015-16 to 2024-25, as a Prime Contractor having Designed and constructed of minimum 440 MLD capacity Water Treatment Plant designed based on DAF or any advanced technologies having sludge recycling facility, PLC and SCADA within last Ten Years and Operated and Maintained this plant for atlesat one year satisfactorily and producing final finished water quality as per IS 10500:2012 drinking water quality standards.</td><td>OR
The bidder should have experience in the last ten years, i.e., 2015-16 to 2024-25, as a Prime Contractor having Designed and constructed of minimum 220 MLD capacity Water Treatment Plant designed based on space saving technology or advanced technologies having sludge recycling facility, PLC and SCADA within last Ten Years and Operated and Maintained this plant for atleast one year satisfactorily and producing final finished water quality as per IS 10500:2012 drinking water quality standards.</td><td></td></tr>
<tr><td>14</td><td>Section 3, Pg 29 of 129, Clause 1.4</td><td>Total value of water business works Executed and payments received in the Last five years (in Rs. Lakhs)</td><td>We understand that Annual Construction Turnover from Chartered Accountant will suffice. Kindly Confirm</td><td>Tender Conditions Prevails</td></tr>
<tr><td>15</td><td>Section 3, Pg 29 of 129, Clause 1.2</td><td>Quantities of work executed as prime contractor (in the same name) during the last five years specified in 1.2 above
<table>
<tr><th>Year</th><th>Name of Work</th><th>Name of Employer</th><th colspan="3">Quantity of work performed (cum)</th><th>Remarks (Indicate contract reference)</th></tr>
<tr><th></th><th></th><th></th><th>440MLD WTP</th><th>PLC/ SCADA</th><th>Personnel experience</th><th></th></tr>
<tr><td>2020-21</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>2021-22</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>2022-23</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>2023-24</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>2024-25</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
</table></td><td>We request client to modify the table provided, as it mentions 440 MLD WTP and also request client to provide rights to bidder to deviate from the given form. Kindly Clarify</td><td>Tender Conditions Prevails</td></tr>
<tr><td>16</td><td>Section 7, Pg 118 of 129, Clause 23. Major and Minor Repairs</td><td>The Major repair means all repair works carried out to Mechanical and Electrical equipments.</td><td>We understand that the replacement of capital equipment is in the client's scope. Kindly confirm</td><td>Tender Conditions Prevails</td></tr>
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17	Section 5, Pg 54 of 129 Clause 13.6 Insurance for the Treatment Works	The Operator shall insure the treatment works in the joint names of the Employer and the Operator against loss or damage within 14 days from the date of commencement of contract	We understand that the insurance of plant & machinery under Client's scope. Kindly confirm.	Tender Conditions Prevails
18		General	Request the client to provide the operating log data for last 2 years	Please visit Plant

Chief Engineer
(Kaveri-O&M)
BWSSB